

Title (en)

MOTOR-DRIVEN CLOTHES DRYER AND DRIVE DEVICE FOR A WASHING DRYER

Title (de)

MOTORGETRIEBENER WÄSCHETROCKNER UND ANTRIEBSVORRICHTUNG FÜR EINEN WÄSCHETROCKNER

Title (fr)

SECHOIR A LINGE ENTRAINE PAR MOTEUR ET DISPOSITIF D'ENTRAINEMENT POUR SECHOIR A LINGE

Publication

EP 1877614 A2 20080116 (DE)

Application

EP 06724521 A 20060424

Priority

- EP 2006003737 W 20060424
- DE 102005020027 A 20050429
- DE 102005057935 A 20051202

Abstract (en)

[origin: WO2006117092A2] The invention relates to an electrical drive device for a rotary clothes dryer, comprising a wind-on device for a lifting cable on a rotary clothes dryer. The lifting cable on the rotary clothes dryer is mechanically coupled to the wind-on device. The drive device comprises a motor which powers the wind-on device.

[origin: WO2006117092A2] The lifting cable (3) of the rotary clothes dryer is mechanically coupled to the wind-on device (27) of the electrical drive device (5). The drive device further comprises a transmission formed in a direction of rotation self-locking, a blocking device containing controllable magnet device, a battery and/or a rechargeable battery and/or an electric connection, a limit switching off device readjustable by a turning mechanism, a solar collector and/or a windmill, and a fixing element containing a sheath for fixing the drive device to the clothes dryer. The switching off device switches as a function of the capacity of the engine and/or the transmission torque. In the drive device, a resting prevention device for deactivating resting mechanics of the clothes dryer and a spring device for causing a springs mechanical coupling of the lifting cable are used. The spring device is a component of the motor and/or the transmission and/or the wind-on device and/or the drive lifting cable (23). The drive device is operated by a radio-remote control and/or an optically operating remote control. The fixing element exhibits a thorn insertable into the mast of the dryer, and the drive device is fastenable at the mast-heel and the slide joint (13) of the dryer. An independent claim is included for a rotary clothes dryer.

IPC 8 full level

D06F 57/04 (2006.01)

CPC (source: EP)

D06F 57/04 (2013.01)

Citation (search report)

See references of WO 2006117092A2

Citation (examination)

DE 1204616 B 19651111 - STEINER WALTER

Cited by

CN112260630A

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2006117092 A2 20061109; WO 2006117092 A3 20070308; EP 1877614 A2 20080116

DOCDB simple family (application)

EP 2006003737 W 20060424; EP 06724521 A 20060424